



Title: PREPARATION AND USE OF MIXED MODE SOLID SUBSTRATES FOR  
CHROMATOGRAPHY ADSORBENTS AND BIOCHIP ARRAYS  
Inventor(s): Egisto Boschetti et al. Dkt. No. 035394-0245  
Appl. No.: 10/660,738 SABE (2/19/04)

#41

- Information Disclosure Statement (2 pgs.);
- Form PTO-1449 (2 pgs.) and 9 References;

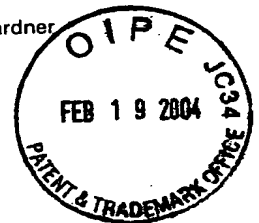
Commissioner for Patents:

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Due Date: N/A

bob

Respectfully,  
Foley & Lardner





Atty. Dkt. No. 035394-0245  
Appln. Ser. No. 10/660,738

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Egisto BOSCHETTI et al.

Title: *PREPARATION AND USE OF MIXED MODE  
SOLID SUBSTRATES FOR  
CHROMATOGRAPHY ADSORBENTS AND  
BIOCHIP ARRAYS*

Appl. No.: 10/660,738

Filing Date: 09/12/2003

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. Copies of documents listed under A13-A21 are being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 19 February 2004

FOLEY & LARDNER

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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 035394-0245	SERIAL NO. 10/660,738
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		APPLICANT Egisto BOSCHETTI et al.	
		FILING DATE September 12, 2003	GROUP ART UNIT Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	4,381,239	04/26/1983	CHIBATA et al.			
	A2	4,701,500	10/20/1987	PORATH			
	A3	5,234,991	08/10/1993	TAYOT et al.			
	A4	5,652,348	07/29/1997	BURTON et al.			
	A5	5,185,313	02/09/1993	PORATH			
	A6	5,075,371	12/24/1991	BOSCHETTI et al.			
	A7	5,141,966	08/25/1992	PORATH			
	A8	5,268,097	12/07/1993	GIROT et al.			
	A9	5,719,060	02/17/1998	HUTCHENS et al.			
	A10	6,124,137	09/26/2000	HUTCHENS et al.			
	A11	2001/0045384		STIPANOVIC et al.			04/30/2001
	A12	6,225,047	05/01/2001	HUTCHENS et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A13	WO 95/31279	11/23/1995	WIPO				
	A14	WO 96/00735	01/11/1996	WIPO				
	A15	WO 03/064594	08/07/2003	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

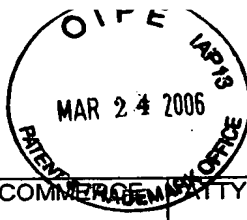
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EXAMINER

DATE CONSIDERED

- \* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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OTHER DOCUMENTS (cont'd)							
	A18	L. GUERRIER et al., "New Methods for the Selective Capture of Antibodies Under Physiological Conditions", Bioseparation, vol. 9, pgs. 211-221 (2000).					
	A19	E. BOSCHETTI, "The Use of Thiophilic Chromatography for Antibody Purification: A Review", J. Biochem. Biophys. Methods vol. 49, pgs. 361-389 (2001).					
	A20	BO-LENNART JOHANSSON et al., "Preparation and Characterization of Prototypes for Multi-Modal Separation Media Aimed for Capture of Negatively Charged Biomolecules at High Salt Conditions", Journal of Chromatography A, vol. 1016, pgs. 21-33 (2003).					
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Form PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

035394-0245

SERIAL NO.

10/660,738

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APPLICANT

Egisto BOSCHETTI et al.

FILING DATE

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GROUP ART UNIT

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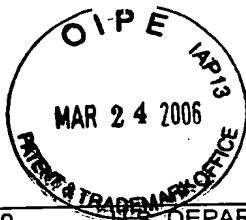
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